F PESTICIDES

ECTION OF

R, M. A.

leraine, Northern

IN *Drosophila*

. Genética ETSI

MART TEST IN
IERASE II

OF SOMATIC
ster
LEVIS, A. G.

O ASSAY FOR

TAGENICITY:
ERENT FROM

Pomezia, ITALY

TOXICITY OF

ica, S.A., El Prat

V -4 **DETERMINATION OF CHROMOSOME SENSIBILITY TO IONIZING RADIATION BY CHROMOSOME PAINTING**
[1&3] CABALLIN, M. R., [1] BARQUINERO, J. F., [5] KNUUTILA, S., [2] BARRIOS, L., [1] GOMEZ, D., [4] RIBAS, M., [2&3] MIRO, R. and [2&3] EGOZCUE, J.
[1] Departament de Biologia Animal, Biologia Vegetal i Ecologia, [2] Departament de Biologia Cel.lular i Fisiologia, [3] Institut de Biologia Fonamental, [4] Servei d'Oncologia, Hospital de la Santa Creu i Sant Pau, Universitat Autònoma de Barcelona, Bellaterra, SPAIN, [5] Department of Medical Genetics, University of Helsinki, FINLAND

V -5 **DEVELOPMENT OF RESTRICTION SITE MUTAGENESIS (RSM): A PCR-BASED GENOTYPIC MUTATION ASSAY**
DORADO, G., LEAL, J. F. M. and LOPEZ-BAREA, J.
Departamento de Bioquímica y Biología Molecular, Facultad de Veterinaria, Córdoba, SPAIN

V -6 **MONOCLONAL ANTIBODIES TO FOOD MUTAGENS: APPLICATION FOR AFFINITY CHROMATOGRAPHY AND EXPOSURE MONITORING**
[1] DRAGSTED, L. O., [2] GRIVAS, S., [1] FRANDSEN, H. and [1] LARSEN, J. C.
[1] National Food Agency of Denmark, Søborg, DENMARK, [2] Swedish Agricultural University, Dept. of Chemistry, Uppsala, SWEDEN

V -7 **CHROMOSOME IN SITU SUPPRESSION HYBRIDIZATION AS A USEFUL METHOD TO DETECT EASILY CHROMOSOMAL ABERRATIONS**
GARCIA-SAGREDO, J.M., CABELLO, P., LOPEZ-YARTO, A., RESINO, M., FERRO, M.T.
Department of Medical Genetics, Hospital Ramón y Cajal, Madrid, SPAIN

V -8 **COMPARATIVE STUDY OF THE GENOTOXIC EFFECTS OF METALS IN THE SINGLE CELL GEL (SCG) ASSAY AND SISTER CHROMATID EXCHANGE (SCE) TEST**
HARTMANN, A. and SPEIT, G.
Abteilung Klinische Genetik, Universität Ulm, GERMANY

V -9 **THE SPIRAL SALMONELLA ASSAY: AN AUTOMATED MUTAGENICITY TEST FOR USE WITH PURE COMPOUNDS, COMPLEX MIXTURES, AND INTERACTION STUDIES**
HOUK, V. S. and CLAXTON, L. D.
[1] U. S. EPA, Research Triangle Park (RTP), NC, U.S.A.

S e Ian Blatt

V -10 **ENHANCED SENSITIVITY OF THE COMET ASSAY BY BLOCKING EXCISION-REPAIR**
HULS, M.P., LEEMAN, W.R. and VERHAGEN, H.
TNO Toxicology and Nutrition Institute, Zeist, THE NETHERLANDS

CS. Ian Blatt

V -11 **REPORT ON INTERNATIONAL WORKSHOP ON STANDARDISATION OF GENOTOXICTY TEST PROCEDURES**
KIRKLAND, D. J.
Hazleton Microtest, Harrogate, U. K.

V -12 **MEASUREMENT OF DNA DAMAGE IN PRIMARY HUMAN NASAL MUCOSA CELLS**
[1] KUCHENMEISTER, F., [2] POOL-ZOBEL, B. L., [3] MAIER, H. and [1] SCHMEZER, P.
[1] Dept. Carcinogenesis and Chemotherapy, German Cancer Research, Heidelberg, GERMANY,

2029143613

Source: https://www.industrydocuments.ucsf.edu/docs/...

[2] Institute for Hygiene and Toxicology, Federal Research Center for Nutrition, Karlsruhe, GERMANY, [3] ENT Hospital, University of Heidelberg, GERMANY

V -13 OPTIMIZATION OF RESTRICTION SITE MUTAGENESIS (RSM) BY NONISOTOPIC SOUTHERN BLOTTING
LEAL, J. F. M., LOPEZ-BAREA, J. and DORADO, G.
Departamento de Bioquímica y Biología Molecular, Facultad de Veterinaria, Córdoba, SPAIN

V -14 AN ASSESSMENT OF THE *in vitro* HEPATOCYTE MICRONUCLEUS ASSAY
MÜLLER, K, KASPER, P. and MÜLLER, L.
Institute for Drugs, Federal Health Office (BGA), Berlin, GERMANY

V -15 IMMUNOFLUORESCENT DETECTION OF BROMODEOXYURIDINE-LABELLED SPERMATOCYTES TO ESTIMATE INDUCTION OF MEIOTIC DELAY
[1] PACCHIEROTTI, F., [2] LEOPARDI, P. and [2] ZIJNO, A.
[1] Division of Toxicology, ENEA CRE Casaccia, Roma, [2] Istituto Superiore di Sanità, Roma, ITALY

V -16 THE EFFECT OF BENZENE ON DIFFERENT MURINE TISSUES ANALYSED WITH THE "COMET" ASSAY
PLAPPERT, U., RADDATZ, K., SEIDEL, H. J. and FLIEDNER, T. M.
Institute for Occupational and Social Medicine, University of Ulm, GERMANY

V -17 BENEFICIAL LACTIC ACID BACTERIA: PREVENTION OF DNA DAMAGE IN THE COLON OF RATS
POOL-ZOBEL, B. L., NEUDECKER, C., SCHILLINGER, U. and HOLZAPFEL, W. H.
Institute for Hygiene and Toxicology, Federal Research Center for Nutrition, Karlsruhe, GERMANY

C s. Edward

V -18 ASSESSMENT OF CHEMICALLY-INDUCED DNA DAMAGE IN TK6 CELLS USING THE COMET ASSAY
RIBEIRO, D., GEORGE, E., DOWNES, J. and WILCOX, P.
Glaxo Group Research Ltd, Ware, Herfordshire, U.K.

V -19 THE MEASUREMENT OF RADIATION SURVIVAL USING THE MTT ASSAY
[1] SLAVOTINEK, A., [1] McMILLAN, T. J. and [1] STEEL, C. M.
[1] MRC Human Genetics Unit, Western General Hospital, Edinburgh, U. K., [2] Radiotherapy Research Unit, The Institute of Cancer Research, Sutton, Surrey, U. K.

V -20 THE POSTLABELLING ASSAY: OPTIMISATION AND METHODOLOGICAL DEVELOPMENT
[1&2] SPENCER-JAMES, J. E., [1] JONES, N. J. and [1] WATERS, R.
[1] School of Biological Sciences, University College of Swansea, Singleton Park, Swansea, U.K., [2] Amersham International plc., Forest Farm, Whitchurch, Cardiff, U. K.

V -21 USE OF AN *in situ* HYBRIDIZATION TECHNIQUE TO DETECT ANEUPLOIDY IN EARLY SPERMATIDS DERIVED FROM SPERMATOCYTES OF TRANSGENIC MICE EXPOSED TO DIETHYLSTILBESTROL
XIAO, Y., BOEI, J., NATARAJAN, A. T. and TATES, A. D.
MGC-Department of Radiation Genetics and Chemical Mutagenesis, State University of Leiden, THE NETHERLANDS

VI. MUTAGENES

VI -1 MUTAGENICI
POLYCYCLIC
[1] BERNACCHI,
[1] LOPRIENO, N
[1] Dipt. Scienze
Biologia Evoluti

VI -2 STUDY ON TH
PROGRESSIO
[1] CAMPOMEN
GASPARETTO
[1] FRONZA, G.
[1] CSTA-Mutage
Clinic, S. Marti
[4] Chair of Gene

VI -3 HEPATIC C
METABOLISI
[1] CHEMIN, I.,
C. P.
[1] International A
Clinic, La Jolla

VI -4 BLEOMYCIN
HEAD AND N
CLOOS, J., ST
Dept. of Otol
THE NETHER

VI -5 DEVELOPME
SHORT-TER
[1&2] DE VRIES
STEEG, H.
[1] University
Utrecht, THE
Protection, La

VI -6 DETECTIO
ADDUCTS I
GÖLZER, P.,
Department o
Kaiserslautern

VI -7 DETECTIO
CHEMOPRE
[1] IZZOTTI,
BAGNASCO,
[1] Institute of
Surgery, E. C

2029143611

Source: https://www.industrydocuments.ucsf.edu/docs/[illegible]

VI. MUTAGENESIS AND CARCINOGENESIS

VI -1 **MUTAGENICITY DATA ON A SERIES OF NON SUBSTITUTED AROMATIC POLYCYCLIC HYDROCARBONS**

[1] BERNACCHI, F., [1] SBRANA, C., [1] BIANUCCI, M. P., [1] LANDI, S., [2] BARALE, R. and [1] LOPRIENO, N.

[1] Dipt. Scienze dell'Ambiente e del Territorio, Università di Pisa, ITALY, [2] Dipartamento de Biologia Evolutiva dell'Università di Ferrara, ITALY

VI -2 **STUDY ON THE INVOLVEMENT OF P53 MUTATIONS IN HUMAN ASTROCYTOMA PROGRESSION**

[1] CAMPOMENOSI, P., [2] GENTILE, R., [3] PELLEGATA, N., [1] BOGLIOLO, M., [2] GASPARETTO, A., [1] IANNONE, R., [3] RANZANI, G. N., [1&4] ABBONDANDOLO, A. and [1] FRONZA, G.

[1] CSTA-Mutagenesis Lab, National Institute for Research on Cancer, Genova, [2] Neurosurgical Clinic, S. Martino Hospital, Genova, [3] Genetic and Microbiology Dept, University of Genova, [4] Chair of Genetics, University of Genova, ITALY

VI -3 **HEPATIC CYTOCHROME P-450 2a5 ACTIVATION AND AFLATOXIN B1 METABOLISM IN RELATION TO HEPATITIS B VIRUS INFECTION**

[1] CHEMIN, I., [1] KIRBY, G., [2] CHISARI, F., [1] MONTESANO, R., [1] LANG, M., and [1] WILD, C. P.

[1] International Agency for Research on Cancer, Lyon, FRANCE, [2] Research Institute of Scripps Clinic, La Jolla, U.S.A.

VI -4 **BLEOMYCIN SENSITIVITY WITHIN PERIPHERAL BLOOD LYMPHOCYTES OF HEAD AND NECK SQUAMOUS CELL CARCINOMA PATIENTS**

CLOOS, J., STEEN, I., COPPER, M.P., DE VRIES, N., SNOW, G.B., BRAAKHUIS, B.J.M. Dept. of Otolaryngology/Head and Neck Surgery, Free University Hospital, Amsterdam, THE NETHERLANDS

VI -5 **DEVELOPMENT OF DNA-REPAIR-DEFICIENT TRANSGENIC MICE FOR USE IN SHORT-TERM CARCINOGENICITY ASSAYS**

[1&2] DE VRIES, A., [1] VERBEEK, S., [2] VAN OOSTROM, C., [2] VAN KREIJL, C. and [2] VAN STEEG, H.

[1] University of Utrecht, Department of Immunology, Utrecht Transgenic Mouse Facility, Utrecht, THE NETHERLANDS, [2] National Institute of Public Health and Environmental Protection, Laboratory of Carcinogenesis and Mutagenesis Bilthoven, THE NETHERLANDS

VI -6 **DETECTION OF CROTONALDEHYDE AND E-2-HEXENAL 1,N²-DEOXYGUANOSINE ADDUCTS IN CALF THYMUS DNA BY ^{32}P-POSTLABELLING**

GÖLZER, P., JANZOWSKI, C. and EISENBRAND, G.

Department of Chemistry, Food Chemistry and Environmental Toxicology, University of Kaiserslautern, GERMANY

VI -7 **DETECTION OF DNA ADDUCTS IN HUMAN AORTA, AND THEIR CHEMOPREVENTION IN EXPERIMENTAL MODELS**

[1] IZZOTTI, A., [2] PETRILLI, G. L., [1] BALANSKY, R. M., [1] D'AGOSTINI, F., [1] BAGNASCO, M., [1] SCATOLINI, L., [1] ROVIDA, A. and DE FLORA, S.

[1] Institute of Hygiene and Preventive Medicine, University of Genoa, [2] Dept. of Vascular Surgery, E. O. Ospedali Galliera, Genoa, ITALY

2029143615

https://www.industrydocuments.ucsf.edu/docs/

VI -8 ORGAN SPECIFIC MUTAGENICITY STUDIED BY AN *in vivo* TRANSGENIC MOUSE/LAC I MUTATION ASSAY
LIEGIBEL, U. M., ECKERT, C. and SCHMEZER, P.
Department of Carcinogenesis and Chemotherapy, German Cancer Research Center, Heidelberg, GERMANY

VI -9 *In vivo* POSSIBLE SYNERGISTIC EFFECTS OF THREE BENZENE METABOLITES
[1] MARRAZZINI, A, [2] CHELOTTI, L, [1] BARALE, R, [1] BARRAI, I, [2] LOPRIENO, N
[1] Dipartimento di Biologia Evolutiva, Ferrara University, ITALY, [2] Dipartimento di Scienze dell'Ambiente e del Territorio, Pisa University, ITALY

VI -10 INFLUENCE OF SERUM DURING TREATMENT IN THE MOUSE LYMPHOMA ASSAY
OULDELHKIM-DIOT, M. C., JARREAU, E., REVOL, V., VATEL, M. and MELCION, C.
Rhône-Poulenc Rorer, S.A., Department of Drug Safety, 94403 Vitry-Sur-Seine, FRANCE

VI -11 CONNEXIN EXPRESSION IN GAP JUNCTIONAL INTERCELLULAR COMMUNICATION DEFICIENT HUMAN MESOTHELIOMA TUMOUR CELL LINES AND COMMUNICATION COMPETENT NORMAL MESOTHELIAL CELLS
PELIN, K., HIRVONEN, A. and LINNAINMAA, K.
Institute of Occupational Health, Topeliuksenkatu 41 a A, SF-00250, Helsinki, FINLAND

VI -12 ^{32}P-POSTLABELLED TAMOXIFEN-INDUCED DNA ADDUCTS IN LIVERS OF THREE STRAINS OF RAT
RICH, K.J., MARTIN, E.A., MANN, F., CARTHEW, P., WHITE, I.N.H. and SMITH, L.L.
MRC Toxicology Unit, Hodgkin Building, University of Leicester, Leicester, LE1 9HN, U.K.

VI -13 IMMUNE RESPONSE IMPAIRMENT, GENOTOXICITY AND MORPHOLOGICAL TRANSFORMATION INDUCED BY *Taenia solium* METACESTODE
[1] ROJAS, E., [1] HERRERA, L. H., [2] SANTIAGO, P, [3] ROJAS,G., [3] SALAZAR, P. M., [4] TATO, P., [4] MOLINARI, J. L., [5] SCHIFFMANN, D. and [1] OSTROSKY-WEGMAN, P.
[1] Inst. Inves. Biomédicas, UNAM, MEXICO, [2] Inst. Nac. Pediatría, MEXICO, [3] Fac. Medicina, UNAM, MEXICO, [4] Inst. Fisiol. Celular, UNAM, MEXICO, [5] Inst. Toxikologie, Uni. Wurzburg, GERMANY

VI -14 A MMS-RESISTANT CLONE WITH MORPHOLOGIC AND CHROMOSOME ALTERATIONS
SCIANDRELLO, G., BARBATA, G. and CARBONE, P.
Dipartimento de Biologia Cellulare e dello Sviluppo, "A. Monroy"- Sezione di Genetica, Palermo, ITALY

VI -15 UBIQUITOUS SOMATIC MUTATIONS IN SIMPLE REPEATED SEQUENCES IN GASTROINTESTINAL TUMORS
[1] VELAZQUEZ, A., [1] IONOV, Y., [2] PEINADO, M. A., [1] MALKHOSYAN, S. and [1] PERUCHO, M.
[1] California Institute of Biological Research, 11099 North Torrey Pines Road, La Jolla, CA, U.S.A. [2] Institut de Recerca Oncològica, Hospital Duran i Reynals, Hospitalet de Llobregat, Barcelona, SPAIN

VI-16 SPECIES AND ORGAN SPECIFICITY OF CYTOGENETIC ACTION OF BROMOPROPANES

VII. HUMAN BI

VII -1 DOSE-EFFEC
IONIZING R
[1] BARQUINEI
and [2]&[3] EGOZ
[1] Departament
Cel.lular i Fis
Santa Creu i S

VII -2 URINE MUT
CARBAMAZ
BERNAL, M.
and BARTOL
Department of

VII -3 COMET ASS
[2] BETTI, C.,
[1] Dip. Biolog
Territorio, Pis

VII -4 DNA ADDUC
POPULATIC
[1] BINKOVA,
J. and [4] LEW
[1] LGE, c/o U
Health Effects

VII -5 CHROMOSC
IN NORWA
[1] BRØGGER,
[1] Department
NORWAY, [2]

VII -6 CYTOGENE
WORKERS
CARBONELI
Unitat de Ge
Barcelona, Be

VII -7 ETIOLOGY
LYMPHOC
[1] CATALAN
KNUUTILA,
[1] Department
[2] Department

VII -8 MONITORI
OVEN
DOBIAS, L.,
R. J. and WC

20291436 16

Source: https://www.industrydocuments.ucsf.edu/docs/[illegible]0000

VII. HUMAN BIOMONITORING

VII -1 DOSE-EFFECT RELATIONSHIP CURVE FOR THE CYTOGENETIC EFECTS OF IONIZING RADIATION

[1] BARQUINERO, J. F., [2] BARRIOS, L., [1&3] CABALLIN, M. R. [2&3] MIRO, R., [4] RIBAS, M. and [2&3] EGOZCUE, J.

[1] Departament de Biologia Animal, Biologia Vegetal i Ecologia, [2] Departament de Biologia Cel.lular i Fisiologia, [3] Institut de Biologia Fonamental, [4] Servei d'Oncologia, Hospital de la Santa Creu i Sant Pau, Universitat Autònoma de Barcelona, Bellaterra, SPAIN

VII -2 URINE MUTAGENICITY IN PATIENTS UNDERGOING CONTINUED THERAPY WITH CARBAMAZEPINE

BERNAL, M. L., SINUES, B., LANUZA, J., GAZULLA, J., FERRANDEZ-ARENAS, A. and BARTOLOME, M.

Department of Pharmacology, Medical School, University of Zaragoza, SPAIN

VII -3 COMET ASSAY IN HUMAN LYMPHOCYTES FROM 100 NORMAL INDIVIDUALS

[2] BETTI, C., [2] DAVINI, T., [2] GIANNESSI, L. and [1] BARALE, R.

[1] Dip. Biologia Evolutiva, Ferrara University; ITALY, [2] Dip. Scienze dell'Ambiente e del Territorio, Pisa University, ITALY

VII -4 DNA ADDUCTS AND PERSONAL EXPOSURE MONITORING DATA OF A SELECTED POPULATION GROUP FROM HIGH POLLUTED AREA IN CZECH REPUBLIC

[1] BINKOVA, B., [2] LENICEK, J., [3] MISKOVA, I., [1] MILCOVA, A. [1] PLNA, K., [1] SRAM, R. J. and [4] LEWTAS, J.

[1] LGE, c/o UEM & RIH Prague, [2] RIH, Ustí n L., [3] DIH, Teplice, CZECH REPUBLIC, [4] Health Effects Research Laboratory, US EPA, RTP, U.S.A.

VII -5 CHROMOSOME ANALYSIS OF PERSONS EXPOSED TO RADIOACTIVE FALLOUT IN NORWAY FROM THE CHERNOBYL ACCIDENT

[1] BRØGGER, A., [1&2] REITAN, J. and [2] STRAND, P.

[1] Department of Genetics, Institute for Cancer Research, The Norwegian Radium Hospital, Oslo, NORWAY, [2] Norwegian Radiation Protection Agency, Østerås, NORWAY

VII -6 CYTOGENETIC BIOMONITORING IN A SPANISH GROUP OF AGRICULTURAL WORKERS EXPOSED TO PESTICIDES

CARBONELL, E., XAMENA, A., CREUS, A. and MARCOS, R.

Unitat de Genètica, Departament de Genètica i de Microbiologia, Universitat Autònoma de Barcelona, Bellaterra (Cerdanyola del Vallès), SPAIN

VII -7 ETIOLOGY OF AGE-RELATED INCREASE OF MICRONUCLEI IN HUMAN LYMPHOCYTES

[1] CATALAN, J., [1] AUTIO, K., [2] WESSMAN, M., [1] NORPPA, H., [1] SORSA, M. and [2] KNUUTILA, S.

[1] Department of Industrial Hygiene and Toxicology, Institute of Occupational Health, Helsinki, [2] Department of Medical Genetics, University of Helsinki, FINLAND

VII -8 MONITORING OF HUMAN EXPOSURE TO COMPLEX MIXTURES ON THE COKE OVEN

DOBIAS, L., BINKOVA, B., HAVRANKOVA, J., LEWTAS, J., GALLAGHER, J., SRAM, R. J. and WOLFF, T.

2029143617

Source: https://www.industrydocuments.ucsf.edu/docs/[illegible]